

**KDELC2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP5169a****Specification**

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**KDELC2 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q7Z4H8](#)**KDELC2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 143888**Other Names**

KDEL motif-containing protein 2, KDELC2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**KDELC2 Antibody (N-term) Blocking Peptide - Protein Information****Name** POGLUT3 {ECO:0000303|PubMed:30127001, ECO:0000312|HGNC:HGNC:28496}**Function**

Protein glucosyltransferase that catalyzes the transfer of glucose from UDP-glucose to a serine residue within the consensus sequence peptide C-X-N-T-X-G-S-F-X-C (PubMed:<a href="http://www.uniprot.org/citations/30127001" target="\_blank">30127001</a>). Can also catalyze the transfer of xylose from UDP-xylose but less efficiently (PubMed:<a href="http://www.uniprot.org/citations/30127001" target="\_blank">30127001</a>). Specifically targets extracellular EGF repeats of proteins such as NOTCH1, NOTCH3, FBN1, FBN2 and LTBP1 (PubMed:<a href="http://www.uniprot.org/citations/30127001" target="\_blank">30127001</a>, PubMed:<a href="http://www.uniprot.org/citations/34411563" target="\_blank">34411563</a>). May regulate the transport of NOTCH1 and NOTCH3 to the plasma membrane and thereby the Notch signaling pathway (PubMed:<a href="http://www.uniprot.org/citations/30127001" target="\_blank">30127001</a>).

**Cellular Location**

Endoplasmic reticulum lumen {ECO:0000255|PROSITE- ProRule:PRU10138}

**KDELC2 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **KDEL2 Antibody (N-term) Blocking Peptide - Images**

#### **KDEL2 Antibody (N-term) Blocking Peptide - Background**

The function of this protein has not been specifically defined.

#### **KDEL2 Antibody (N-term) Blocking Peptide - References**

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)